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PATENT SPECIFICATION



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174,267

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PROVISIONAL SPECIFICATION.

An Improved Rack or Support for Drying or Heating Plates and the like.

We, A. E. JENKS AND CATTELL LIMITED, a company organized under the laws of England, of Phoenix Works, Gower Street, Willenhall, Staffs., and ARTHUR POOLE, British subject, of the same address, do hereby declare the nature of this invention to be as follows:—

This invention has reference to an improved rack or support for drying or heating plates and the like.

The object of our invention is to provide a portable and foldable rack which is strong and durable and is very convenient for supporting a number of plates or the like after they have been washed, or for heating them.

The device is advantageously adaptable as a storing rack whereby, after plates or the like have been washed and placed therein to dry, the rack and the plates may be carried bodily away in a cupboard or other storing place, whence it may be taken again, with the plates in position for heating them before use.

For the latter purpose, it offers great advantages in that the plates may be held suitably distant from one another. When the rack or support is placed with the plates in front of a fire the plates may be heated in a most efficient manner not hitherto obtained by the method usually employed which simply consisted in placing a pile of plates in front of the fire whereby the front part of the plates only became heated. The device, owing to its constructional features, may also advantageously be used for supporting several

plates containing food to be kept warm in front of a fire.

In accordance with the invention the device comprises a pair of frames having suitable foot portions, said frames being provided with a plurality of vertical bars or separations, for receiving therebetween the plates to be supported in the device, said frames being connected together in a manner permitting the device to be compactly folded.

In a preferred embodiment, the frames are each formed of a piece of suitable strip metal of preferably rectangular section, bent into inverted U-shape, thus forming two legs. A cross bar is provided, joining the legs of the frame about midway of their length, and the said legs are then slightly bent aside past the said cross bar, and their extremities are brought inwardly to form a broad foot or base for the frames. The frames are then hingedly connected together by such means as rivets, pins or the like, preferably just below the bend of the legs aforesaid. In the assembled relation the concave sides formed by the bend of the legs of the frames, are placed facing each other, so as to provide a wide-spread base and a narrower separation of the frame proper, to maintain equilibrium. The frames are further provided with a plurality of vertical wire bars or separations between which the plates are placed and supported.

The rack may be used for supporting the plates in a vertical position, such as

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to provide a wide-spread base and a narrower separation of the frame proper than would otherwise be the case, thus giving more stability to the device when in use.

The rack may be used for supporting the plates in a vertical position, such as for drying or heating them, or it may be laid on one of its sides to support plates in a horizontal position on the uppermost frame bars or on the intermediate wires *c* when it is desired to warm food on the plates.

The device may be suitably tinned, japanned or stove enamelled as desired and a handle, not shown, may be provided on the upper end of each frame for convenience, while stops in the form of projecting studs *j* may be incorporated with the legs to limit the opening of the device.

In a modification as shown more particularly at Figures 3 and 4, the stops may be embodied in the cross bar *d*, which in this case is bent down at each end and forms an abutment *k* for the leg of the opposed frame.

Having now particularly described and ascertained the nature of our said invention, and in what manner the same is to be performed, we declare that what we claim is:—

1. An improved portable and foldable rack or support for plates or the like comprising a pair of frame members having a plurality of bars across same, said frame members having feet extensions, and being pivotally connected together, and having stops for limiting the opening capacity of the frames, substantially as herein set forth and with reference to the appended drawings.

2. The improved rack for receiving plates or the like, constructed substantially as described with reference to Figures 1 and 2 or 3 and 4 of the drawings.

Dated this 19th day of July, 1921.

For the Applicants,
GEORGE BARKER & BRETTELL,
Chartered Patent Agents,
77, Colmore Row, Birmingham.

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Fig 2

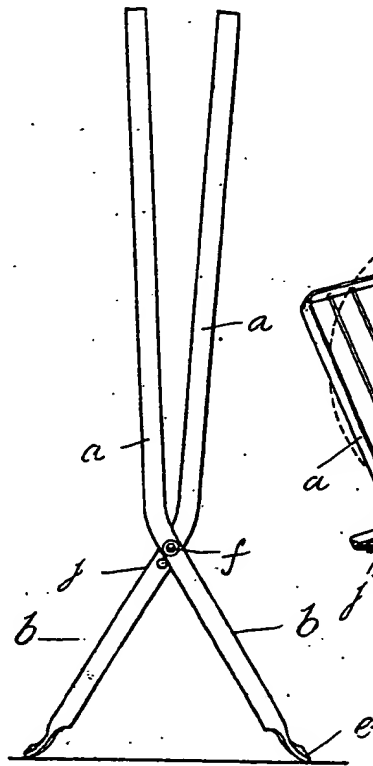


Fig 1

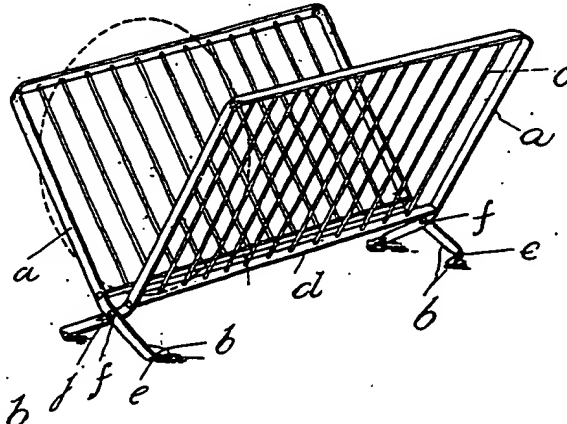


Fig 3

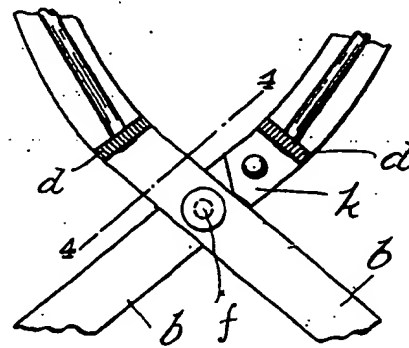
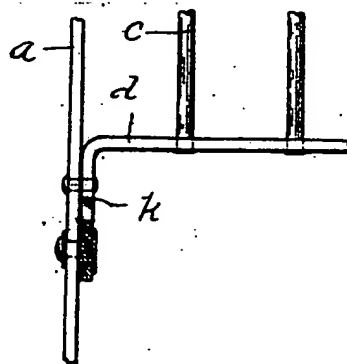


Fig 4



[This Drawing is a reproduction of the Original on a reduced scale]

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